

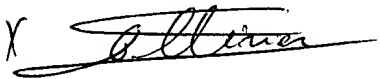
PAGE 1 OF 2

**APPLICATION FOR UNITED STATES PATENT
DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described in the attached specification; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America, except **Application S/N 99401388.6, filed in Europe on June 9, 1999** (TI-29030EU), and from which priority is claimed under 35 USC 119; and that I acknowledge my duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

| | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| TITLE OF INVENTION: Shared Memory With Programmable Size | | |
| I HEREBY APPOINT THE FOLLOWING ATTORNEYS TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH Frederick J. Telecky, Jr., #29,979; Jay M. Cantor, #19,906; C. Alan McClure, #31,041; William B. Kempler, #28,228; Robert D. Marshall, #28,527; Gerald E. Laws, 39,268; James F. Hollander, #27,802; Robby Holland, #33,304; Rebecca Mapstone-Lake, #36,208. | | |
| SEND CORRESPONDENCE TO: Gerald E. Laws Texas Instruments Incorporated P.O. Box 655474, MS 3999 Dallas, TX 75265 | | DIRECT TELEPHONE CALLS TO: Gerald E. Laws (972) 917-5287 |
| NAME OF INVENTOR: (1) Laurent Six | NAME OF INVENTOR: (2) Armelle Laine | NAME OF INVENTOR: (3) Daniel Mazzocco |
| RESIDENCE & POST OFFICE ADDRESS: <i>169 chemin du pont casse</i> Chemin du paradis 06620 Gourdon, France <i>06620 par sur Loop 49</i> FRANCE | RESIDENCE & POST OFFICE ADDRESS: <i>13 rue Aubernon</i> 19, rue du petit four, 06600 Antibes, France <i>AL</i> | RESIDENCE & POST OFFICE ADDRESS: 18 ter, chemin de Frayere, 06650 Le Rouret, France |
| COUNTRY OF CITIZENSHIP: France | COUNTRY OF CITIZENSHIP: France | COUNTRY OF CITIZENSHIP: France |
| SIGNATURE OF INVENTOR: X <i>[Signature]</i> | SIGNATURE OF INVENTOR: X <i>[Signature]</i> | SIGNATURE OF INVENTOR: X <i>[Signature]</i> |
| DATE: X <i>May - 12 - 2000</i> | DATE: X <i>May 17 2000</i> | DATE: X <i>May 12, 2000</i> |

| | | |
|------------------------------------------------------------------------------------|----------------------------------|----------------------------------|
| NAME OF INVENTOR: (4) | NAME OF INVENTOR: (5) | NAME OF INVENTOR: (6) |
| Gerald Ollivier | n/a | n/a |
| RESIDENCE & POST OFFICE ADDRESS: | RESIDENCE & POST OFFICE ADDRESS: | RESIDENCE & POST OFFICE ADDRESS: |
| Edelweiss 3 1502, chemin de Sainte Colombe, 06140 Vence, France | | |
| COUNTRY OF CITIZENSHIP: | COUNTRY OF CITIZENSHIP: | COUNTRY OF CITIZENSHIP: |
| France | | |
| SIGNATURE OF INVENTOR: | SIGNATURE OF INVENTOR: | SIGNATURE OF INVENTOR: |
| X  | | |
| DATE: May 12 2000 | DATE: | DATE: |
| X | | |

The first part of the paper is devoted to the study of the asymptotic behavior of the solutions of the system (1.1) as $t \rightarrow \infty$. In the second part, we study the stability of the solutions of the system (1.1) with respect to the initial conditions.